Mob : 99457 44759

Shriya Construction and Consultancy

1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL-D/PMC/PKG 8/KERB

Date: 10/02/2021

Kerb Stone (Core Cutting Method) Test Report

Sub: Testing of concrete Kerb Stones (Core Cutting Method) – Compressive Strength)

Name of Work: "Developments of roads and drains at Venkatala, Kenchenahalli, Nagenahalli, Harohalli village and Drilling of borewells and providing pipe line at SC/ST areas in ward no:01 and 02 of Yelahanka Division (Package no:08)".

Ref: Material Testing/PMC/20-21.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K Venkata Raju.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

CORE SPECIMENS

Grade Of concrete: **M15**

Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1

Dia of Specimens: 50 mm =D

Sl. No	Height of core (H)mm	Weight of Core (KG)	Dencity of core (KG/m3)	H/D	Correction factor of H/D	Load KN	Compressive Strength - N/mm2	Correction Factor for dia (Strength x1.08)	Corrected Compressive Strength	Equavenent Cube Compressive Strength
1.	78	.354	2311.4	1.56	.960	26.3	13.39	14.47	13.39	17.36
2.	80	.368	2342.7	1.60	.960	26.3	13.39	14.47	13.39	17.36
3.	82	.382	2372.5	1.64	.960	25.10	12.78	13.81	13.25	16.57

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1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL-D/PMC/PKG 8/ GSB

Date: 12/01/2021

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

Sub: To conduct tests on GSB (Grade-V) mix.

Name of Work: "Developments of roads and drains at Venkatala, Kenchenahalli, Nagenahalli, Harohalli village and Drilling of borewells and providing pipe line at SC/ST areas in ward no:01 and 02 of Yelahanka Division (Package no:08)".

Ref: Material Testing/PMC/20-21

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri K Venkata Raju.

TEST RESULTS

1. **Gradation Test:**

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
75.00	**100.00**	100
53.00	**96.45**	80-100
26.50	**82.60**	55-90
9.50	**56.15**	35-65
4.75	**43.05**	25-50
2.36	**17.25**	10-20
0.85	**8.50**	2-10
0.425	**3.05**	0-5

A.E.E

AE-02

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1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

Date: 04/03/2021

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Water absorption, %	**0.42 %**	Not more than 2.0 %
2.	Liquid Limit, %	**18.56**	Not more than 25.0 %
3.	Plasticity Index, %	**NP**	Not more than 6.0 %
4.	Moisture Content, %	**6.75**	----------
5.	Aggregate Impact Value, %	**28.00**	Not more than 40.00 %

A.E.F

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